

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/03/00546

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 E05B37/00 E05G1/00 F16B41/00 E04H12/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E05B E05G F16B E04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 36 05 859 A (SCHULTE SCHLAGBAUM AG) 27 August 1987 (1987-08-27) the whole document	1-5,7-9, 12,13
Y	---	7;10;11; 16,17
Y	US 5 216 909 A (ARMOOGAM MICHAEL A.) 8 June 1993 (1993-06-08) the whole document	7
Y	GB 2 201 993 A (UNIONWEST LTD) 14 September 1988 (1988-09-14) the whole document	10,11
A	DE 33 28 694 A (ILIEV ALBERT DIPL ING) 28 February 1985 (1985-02-28) the whole document	1-13

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

14 January 2004

Date of mailing of the international search report

27. 01. 2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 142 388 A (PHILLIPS PETER J) 6 March 1979 (1979-03-06) the whole document	1-13
A	DE 600 841 C (JOSE MARIA SAMANIEGO) 1 August 1934 (1934-08-01) the whole document	1-13
X	US 4 971 390 A (MCGINLEY JOHN) 20 November 1990 (1990-11-20) the whole document	14,15, 19-21, 24,25, 27,28, 31,32
Y		16-18, 21,22, 29,30,33
Y	US 5 401 904 A (GREENIER JR WILLIAM A) ✓ 28 March 1995 (1995-03-28) the whole document	18
Y	US 6 085 071 A (HAYAMA HIDEKI ET AL) ✓ 4 July 2000 (2000-07-04) the whole document	21,22
Y	GB 2 345 727 A (FIELDER DAVID) 19 July 2000 (2000-07-19) the whole document	29
Y	US 3 741 132 A (BLOWER B) 26 June 1973 (1973-06-26) the whole document	30,33
X	US 4 454 824 A (WOOD GARY J) 19 June 1984 (1984-06-19) the whole document	34-50,71
A	EP 0 988 809 A (OTT WOLFGANG ;STEINERT GUENTER (DE)) 29 March 2000 (2000-03-29) the whole document	34-50
A	US 5 199 361 A (ROBINSON MILTON W) ✓ 6 April 1993 (1993-04-06) the whole document	34-50
A	EP 0 292 028 A (JANSSEN AL W M) ✓ 23 November 1988 (1988-11-23) the whole document	34-50
X	FR 596 867 A (GAREAU EMILE) 3 November 1925 (1925-11-03) the whole document	51-58, 63,64,71

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 256 015 A (ST CLAIR KENNETH A) ✓ 26 October 1993 (1993-10-26) the whole document ---	59-62
A	DE 196 33 512 A (KOPSCHINA ANDREAS) ✓ 26 February 1998 (1998-02-26) the whole document ---	59-62
A	FR 2 434 952 A (NEIMAN SA) 28 March 1980 (1980-03-28) the whole document ---	51-64
A	DE 36 22 286 A (RUEHLE ERWIN) ✓ 6 November 1986 (1986-11-06) the whole document ---	51-64
X	US 4 159 015 A (FORSBERG CHRISTER ET AL) ✓ 26 June 1979 (1979-06-26) the whole document ---	66,67
Y		68-70
Y	GB 323 444 A (HEINRICH BECK) ✓ 2 January 1930 (1930-01-02) the whole document ---	68-70
P,A	US 6 588 242 B1 (BEATY JAMES H) ✓ 8 July 2003 (2003-07-08) the whole document -----	66-70

INTERNATIONAL SEARCH REPORT

International application No.
/DK 03/00546

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-13

Claims 1-13 directed to a lock for a safety box and a locking system.

2. Claims: 14-38

Claims 14-38 directed to a beach chair comprising a safety box, a safety box and a mount.

3. Claims: 34-71

Claims 34-71 directed to a safety anchor, a safety fastener, a lock safety fastener and a use of a safety anchor.

INTERNATIONAL SEARCH REPORT

on patent family members

International Application No

PCT/D/00546

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/03/00546

Patent document
cited in search report

Publication
date

Patent family
member(s)

Publication
date

GB 323444 A 02-01-1930 NONE

US 6588242 B1 08-07-2003 NONE